

3b
(cont)

cooling the circuit board. Similar to a conductor trench, also the cooling channel 34 is provided with a metallization on its inner side; this metallization, however, is rather a "by-product", because basically all deeper regions of the individual layer are metallized upon manufacturing. The metallization is not necessary for the function of the cooling channel.

IN THE CLAIMS:

Please amend Claim 1 as follows:

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1. (Amended) A circuit board (5) consisting of at least two individual circuit board layers (10) made of plastics and produced by formation technique, which each have first and second functional sides and at least one microstructured positioning formation (16), said at least one microstructured positioning formation being comprised of at least one projection and at least one recess positioned in interconnecting engagement, said at least one projection being formed on at least one of the first and second functional sides of one of said at least two individual circuit board layers (10), said at least one recess being formed on at least one of the first and second functional sides of another of said at least two individual circuit board layers (10) and positioned in interconnecting engagement with said at least one projection, said positioning formation being formed during formation of said circuit board layers, and at least one microstructured conductor trench (12) on one of the functional sides, the conductor trench (12) being provided with a metallization (18).
